

Converting Colors

XYZ(29.9444, 35.3177, 33.9524)

Have a look what the booklet for
XYZ(29.9444, 35.3177, 33.9524)
contains.

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Color

**XYZ(29.9712, 35.3284,
34.0936)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8BA796 |
| RGB | 139, 167, 150 |
| RGB Percent | 55%, 65%, 59% |
| CMY | 0.4549, 0.3451, 0.4118 |
| CMYK | 0.17, 0.00, 0.10, 0.35 |
| HSL | 144°, 14%, 60% |
| HSV | 144°, 17%, 65% |
| XYZ | 29.9712, 35.3284, 34.0936 |
| YIQ | 156.6900, -11.2310, -11.2230 |

Conversions

Conversions Part 2

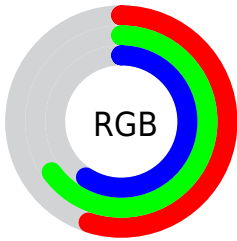
| Format | Color |
|-------------------------------------|---|
| RYB | 139, 159, 167 |
| Decimal | 9152406 |
| CIELab | 66.00, -13.14, 5.57 |
| CIELCh | 66, 14.274, 157.011 |
| Yxy | 35.3284, 0.3015, 0.3554 |
| Android (android.graphics.Color) | 4287342486 (0xFF8BA796) |
| YUV | 156.6900, -3.2982, -15.5141 |
| Hunter-Lab | 59.4377, -14.0081, 7.5975 |

Details

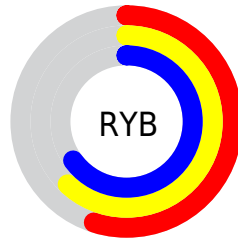
The XYZ color **29.9712, 35.3284, 34.0936** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.1710, 29.0819, 35.4245**, and the grayscale version is **31.9273, 33.5900, 36.5795**.

A 20% lighter version of the original color is **59.0127, 67.9396, 67.1301**, and **12.5027, 15.2862, 14.0959** is the 20% darker color. If you saturate the color by 10%, you get **26.6115, 33.6877, 29.8572**, and if you desaturate by 10%, it is **33.8295, 37.2200, 38.7237**.

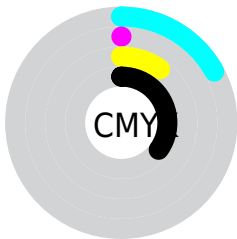
Distribution



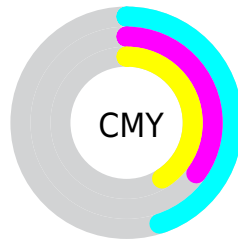
- Red (55%)
- Green (65%)
- Blue (59%)



- Red (55%)
- Yellow (62%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (45%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9712, 35.3284, 34.0936 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 29.9712, 35.3284, 34.0936 by changing the saturation by 10% instead.

 29.9712, 35.3284,
34.0936


 29.9712, 35.3284,
34.0936


293.6824,
326.0155, 335.3311


 19.9647, 23.9160,
22.6876


 59.0036, 67.9942,
67.2148

 12.4775, 15.2713,
14.1599


 78.7601, 90.0163,
89.7670

 7.1443, 9.0100,
8.0919


 102.4975,
116.3438, 116.8716

 3.5996, 4.7477,
4.0652

130.5808,
147.3611, 148.9473

 1.4782, 2.1000,
1.6612

163.3757,
183.4525, 186.4126

 0.3109, 0.6646,
0.3339

201.2473,

 0.0000, 0.0000,

225.0024, 229.6860

0.0000

244.5611,
272.3953, 279.1859

■ 29.9712, 35.3284,
34.0936

■ 29.9712, 35.3284,
34.0936

■ 26.6115, 33.6877,
29.8572

■ 33.8295, 37.2200,
38.7237

■ 23.7265, 32.2827,
26.0018

■ 38.2034, 39.3679,
43.7551

■ 21.2944, 31.1036,
22.5176

■ 43.1123, 41.7832,
49.1981

■ 19.2909, 30.1378,
19.3933

■ 48.5740, 44.4747,
55.0618

■ 17.6890, 29.3718,
16.6171

■ 54.6054, 47.4509,
61.3552

■ 16.4585, 28.7902,
14.1764

■ 61.2227, 50.7201,
68.0869

■ 15.5645, 28.3753,
12.0579

■ 68.1080, 54.1182,
75.2497

■ 14.9575, 28.1018,
10.2468

■ 69.5003, 54.6751,
82.5815

■ 14.7911, 28.0275,
9.7235

■ 70.9756, 55.2653,
90.3503

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1888, 35.3284, 29.8934



29.9712, 35.3284, 34.0936



29.7007, 35.3284, 39.9063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.9712, 35.3284, 34.0936



34.0776, 35.3284, 51.2272



36.9328, 35.3284, 31.8711

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.9712, 35.3284, 34.0936



31.1710, 29.0819, 35.4245

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.7801, 35.3284, 37.0620



29.9712, 35.3284, 34.0936



36.0874, 35.3284, 48.5397

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.9712, 35.3284, 34.0936



32.0148, 35.3284, 50.2193



37.4644, 35.3284, 43.1985



35.1925, 35.3284, 28.7075

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.9712, 35.3284, 34.0936



30.0832, 35.3284, 44.0041



37.4644, 35.3284, 43.1985



37.3348, 35.3284, 33.4144

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.9722, 35.3299, 34.0944



61.8318, 67.2678, 70.8088



32.2422, 36.5977, 29.7913



13.7235, 14.9977, 15.7134



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.9722, 35.3299, 34.0944



51.4119, 62.1633, 58.2505



31.1441, 35.7987, 40.2658



7.5542, 8.4547, 8.6387



11.3405, 21.4549, 7.5598



0.3012, 0.5321, 0.3170

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.1710, 29.0819, 35.4245



53.9541, 48.9113, 61.0699



30.0726, 28.6425, 29.6404



7.7152, 7.6159, 8.8174



14.0317, 7.0214, 10.2442



0.3654, 0.1805, 0.3759

Previews

White Background



This preview shows how the XYZ color 29.9712, 35.3284, 34.0936 looks on a white background.

Color Contrast Check

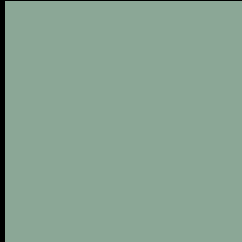
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 29.9712, 35.3284, 34.0936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

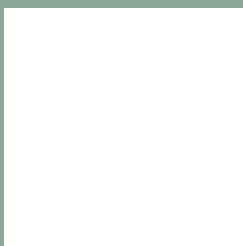
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.9712, 35.3284, 34.0936

Background



This preview shows how black text looks on a background with the XYZ color 29.9712, 35.3284, 34.0936.



This preview shows how white text looks on a background with the XYZ color 29.9712, 35.3284,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.9712, 35.3284, 34.0936

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

35.8312, 35.2076, 35.0442



Tritanopia

32.4353, 35.2583, 46.1703

Trichromacy



Original Color

29.9712, 35.3284, 34.0936

Protanomaly

31.8971, 35.0152, 32.6812

Deuteranomaly

33.3755, 34.9558, 34.6938

Tritanomaly

31.4058, 35.0917, 41.6773

Monochromacy



Original Color

29.9712, 35.3284, 34.0936

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.1553, 34.3069, 35.5517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9712, 35.3284, 34.0936 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(139, 167, 150)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 150)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(139, 167, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 150) }
```

Border

The CSS property to change the border of an element to XYZ 29.9712, 35.3284, 34.0936 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 167, 150) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(139, 167, 150) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(139, 167, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 150);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9712, 35.3284, 34.0936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 150) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(139,  
167, 150) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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